



PCT09

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## RAW SEQUENCE LISTING

DATE: 02/20/2003

PATENT APPLICATION: US/09/830,244B

TIME: 15:26:47

Input Set : A:\pf0620usn\_seqlist.txt

Output Set: N:\CRF4\02202003\I830244B.raw

1 <110> APPLICANT: TANG, Y. Tom  
 2 CORLEY, Neil C.  
 3 GUEGLER, Karl J.  
 4 PATTERSON, Chandra  
 6 <120> TITLE OF INVENTION: LYSINE-RICH STATHERIN PROTEIN  
 8 <130> FILE REFERENCE: PF-0620 USN  
 10 <140> CURRENT APPLICATION NUMBER: 09/830,244B  
 C--> 11 <141> CURRENT FILING DATE: 2002-12-13  
 13 <150> PRIOR APPLICATION NUMBER: PCT/US99/24046  
 14 <151> PRIOR FILING DATE: 1999-10-22  
 16 <150> PRIOR APPLICATION NUMBER: 60/155,209  
 17 <151> PRIOR FILING DATE: 1998-10-23  
 19 <160> NUMBER OF SEQ ID NOS: 6  
 20 <170> SOFTWARE: PERL Program  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 95  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Homo sapiens  
 27 <220> FEATURE:  
 28 <221> NAME/KEY: misc\_feature  
 29 <223> OTHER INFORMATION: Incyte ID No: 2820214CD1  
 31 <400> SEQUENCE: 1  
 32 Met Trp Phe His Lys Val Gly Arg Lys Gln His Phe Lys Val Thr  
 33 1 5 10 15  
 34 Phe Trp Glu Thr Asp Leu Ser Asn Asn Lys Thr Leu Val Ser Leu  
 35 20 25 30  
 36 Lys Lys Lys Lys Pro Phe His Leu Tyr Cys Val Ile Tyr Ile Pro  
 37 35 40 45  
 38 Leu Val Pro Lys Leu Ile Ile Leu Phe Leu Asp Ile Ala Phe Ile  
 39 50 55 60  
 40 Pro Lys Ser Leu Ile Ser Gln Phe Gln Asn Asn His Tyr Thr His  
 41 65 70 75  
 42 Asn His Thr Asn His Asn Thr Asn Asn Ile Arg Phe Asn Ile Ile  
 43 80 85 90  
 44 Ser Asn Cys Arg Thr  
 45 95  
 47 <210> SEQ ID NO: 2  
 48 <211> LENGTH: 1331  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Homo sapiens  
 52 <220> FEATURE:  
 53 <221> NAME/KEY: misc\_feature  
 54 <223> OTHER INFORMATION: Incyte ID No: 2820214CB1

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56 &lt;220&gt; FEATURE:

57 &lt;221&gt; NAME/KEY: unsure

58 &lt;222&gt; LOCATION: 1242

59 &lt;223&gt; OTHER INFORMATION: a, t, c, g, or other

61 &lt;400&gt; SEQUENCE: 2

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62 ctatgttttt agaatcaaag atgaaccggt aagctgtctc atgtaccaa cgtgaaattt 60
63 acagtgttta caaatgtctg gaattttgca ctgccatagg gaatgttaag gttacttggc 120
64 tggaaatttat cagacttgtg agtaaacaag ttgaagttaa gcagatgagg gggaatattg 180
65 agggccctaa ggctaaacaa aataatcagt atctgagata gtggctaata tggctcccca 240
66 ggcctaattt gggaacagtt ttctctgatt gctttgagaa gtactttctt ttgacagaaa 300
67 ttttcattct gcttgccatt gctatattct ccttttatag gagccattgg atttctttcc 360
68 ttttgtggga aatgtcccat tagcattttc agatcttttg atgtgcacta atgccattat 420
69 tggtaatgcc gttattggtg aatacagcat agttaataa actgttacag taaatctaca 480
70 cttggatttg ctgcacctct accaatagcc ttttgaatga ctgaaagtgt taacagagaa 540
71 agaggcatgt ctgcagaaag agatagctaa tatttttttg tactttatct gaaatccaag 600
72 atgtgtcttc cctgtcagggt tgttttcctt cttacgatcc tcattgaatc cctctggga 660
73 gcacaggaca gttagtagaa ctctccattt ctttgttttg ttttttaaga cagagactct 720
74 gtctcaaaaa aaaggacatt tatcattata acatcttatt agagccccta atttcttctc 780
75 tgaaggcact gttttttttt ttaaacagtt aagtactgat gtcaacagac aaatatttct 840
76 gatcagatag tcccctgtca acagtagcaa atgtggtttc ataaagtggg aagaaaacag 900
77 cattttaaag taactttttg ggagactgat ttgagtaata ataaaactct ggtctccctt 960
78 aagaaaaaaa aacccttcca cttttactgt gtcatttata tccccttagt tccaaagtta 1020
79 attatcttat ttctggatat tgcttttata ccaaagagcc ttatcagcca gttccagaac 1080
80 aaccactata cgcacaacca taccaaccac aataccaaca atatacgttt taatatcatc 1140
81 agtaactgca ggacatgatt attgaggctt gattggcaaa tacgacttct acatccatat 1200
W--> 82 totcatcttt cataccatat cacactacta ccactttttg tnagatcatc taagagcaat 1260
83 gogaatgtaa aaccctataa tttactggat actctttggt tccagatact tgccttttcc 1320
84 aatgtcactt g                                     1331

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86 &lt;210&gt; SEQ ID NO: 3

87 &lt;211&gt; LENGTH: 62

88 &lt;212&gt; TYPE: PRT

89 &lt;213&gt; ORGANISM: Homo sapiens

91 &lt;220&gt; FEATURE:

92 &lt;221&gt; NAME/KEY: misc\_feature

93 &lt;223&gt; OTHER INFORMATION: GenBank ID No: g338508

95 &lt;400&gt; SEQUENCE: 3

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96 Met Lys Phe Leu Val Phe Ala Phe Ile Leu Ala Leu Met Val Ser
97   1           5           10           15
98 Met Ile Gly Ala Asp Ser Ser Glu Glu Lys Phe Leu Arg Arg Ile
99           20           25           30
100 Gly Arg Phe Gly Tyr Gly Tyr Gly Pro Tyr Gln Pro Val Pro Glu
101           35           40           45
102 Gln Pro Leu Tyr Pro Gln Pro Tyr Gln Pro Gln Tyr Gln Gln Tyr
103           50           55           60

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104 Thr Phe

107 &lt;210&gt; SEQ ID NO: 4

108 &lt;211&gt; LENGTH: 51

109 &lt;212&gt; TYPE: PRT

110 &lt;213&gt; ORGANISM: Homo sapiens

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112 <220> FEATURE:
113 <221> NAME/KEY: misc_feature
114 <223> OTHER INFORMATION: GenBank ID No: g179466
116 <400> SEQUENCE: 4
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118   1           5           10           15
119 Met Thr Gly Ala Asp Ser His Ala Lys Arg His His Gly Tyr Lys
120           20           25           30
121 Arg Lys Phe His Glu Lys His His Ser His Arg Gly Tyr Arg Ser
122           35           40           45
123 Asn Tyr Leu Tyr Asp Asn
124           50
126 <210> SEQ ID NO: 5
127 <211> LENGTH: 552
128 <212> TYPE: DNA
129 <213> ORGANISM: Homo sapiens
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <223> OTHER INFORMATION: GenBank ID No: g338507
135 <400> SEQUENCE: 5
136 atctcttgaa gcttcacttc aacttcacta cttctgtagt ctcactctga gtaaaagaga 60
137 acccagccaa ctatgaagtt ccttgctttt gccttcatct tggctctcat ggtttccatg 120
138 attggagctg attcatctga agagaaattt ttgcgtagaa ttggaagatt cggttatggg 180
139 tatggccctt atcagccagt tccagaacaa ccactatacc cacaaccata ccaaccacaa 240
140 taccaacaat atacctttta atatcatcag taactgcagg acatgattat tgaggcttga 300
141 ttggcaaata cgacttctac atccatattc tcacttttca taccatatca cactactacc 360
142 actttttgaa gaatcatcaa agagcaatgc aaatgaaaaa cactataatt tactgtatac 420
143 tctttgtttc aggatacttg ctttttcaat tgtcacttga tgatataatt gcaattttaa 480
144 ctgttaagct gtgttcagta ctgtttctga ataatagaaa tcacttctct aaaagcaata 540
145 aattttcaagc cc                                     552
147 <210> SEQ ID NO: 6
148 <211> LENGTH: 491
149 <212> TYPE: DNA
150 <213> ORGANISM: Homo sapiens
152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <223> OTHER INFORMATION: GenBank ID No: g179465
156 <400> SEQUENCE: 6
157 aggacgccta ccaggaggac ctgggattca accaactatg aagttttttg tttttgcttt 60
158 aatcttggct ctcactgctt ccatgactgg agctgattca catgcaaaga gacatcatgg 120
159 gtataaaaaga aaattccatg aaaagcatca ttcacatcga ggctatagat caaattatct 180
160 gtatgacaat tgatatcttc agtaatcatg gggcatgatt atggagggtt gactggcaaa 240
161 ttcgcttttg actcgtgtat tctcatttgt cataccgcat cacactacta ctgctttttg 300
162 aaggaattat cataaggcaa tgcagaataa aagaaatacc atgatttagt gaattctgtg 360
163 tttcaggata cttcccttcc taattatcat ttgattagat acttgcaatt taaatgttaa 420
164 gctgttttca ctgctgtttc tgagtaatag aaattcattc ctctccaaaa gcaataaaat 480
165 tcaagcacat t                                     491

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/830,244B

DATE: 02/20/2003  
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Input Set : A:\pf0620usn\_seqlist.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 1242

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,244B

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Input Set : A:\pf0620usn\_seqlist.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1200